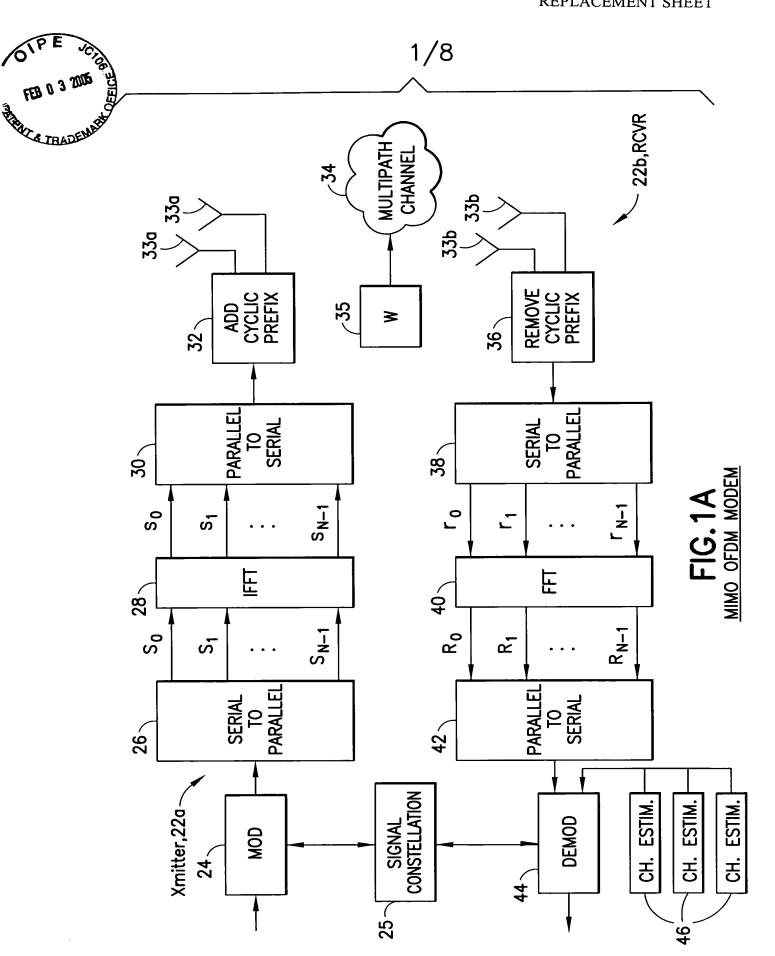
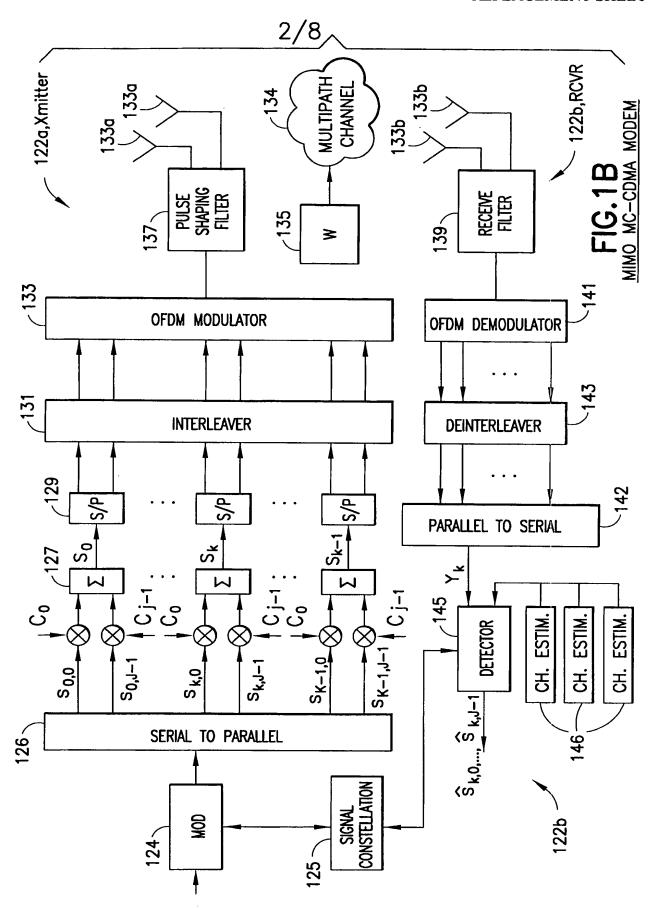
S/N: 10/699,386 FILED: October 31, 2003 REPLACEMENT SHEET



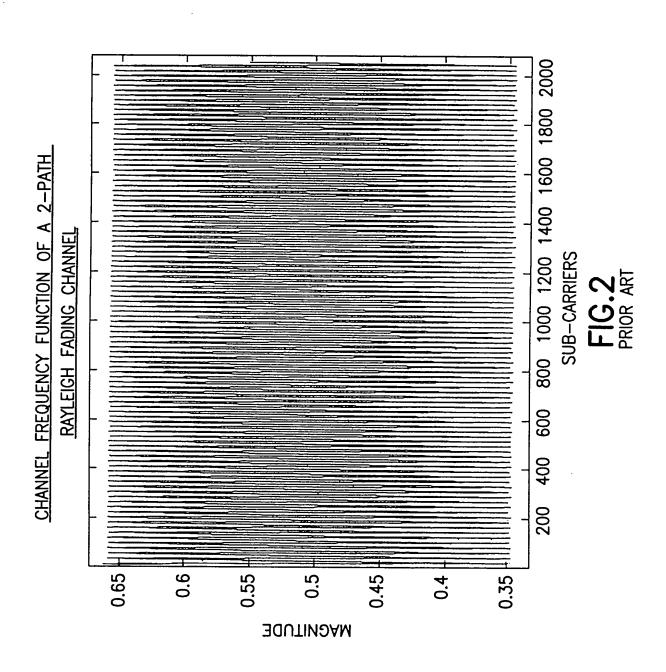
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FILED: October 31, 2003 REPLACEMENT SHEET



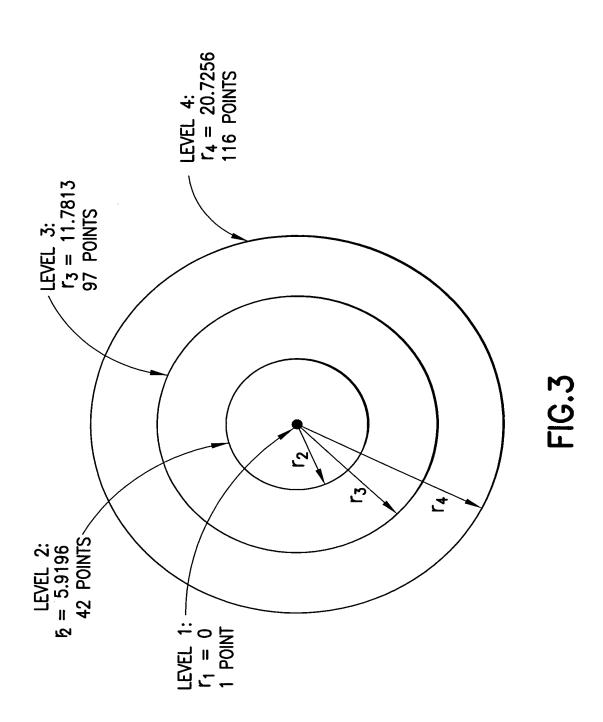
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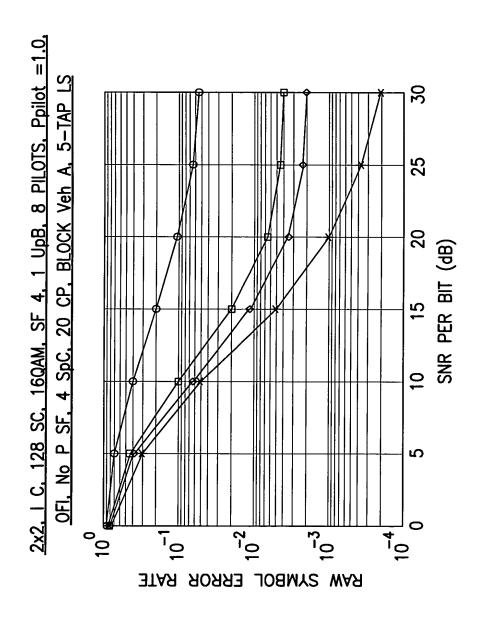


FIG.4A

16QAM, ZF, MF 16QAM, SIC-LMMSE, ML 16QAM, JOINT ML

NEW CONSTELLATIONS

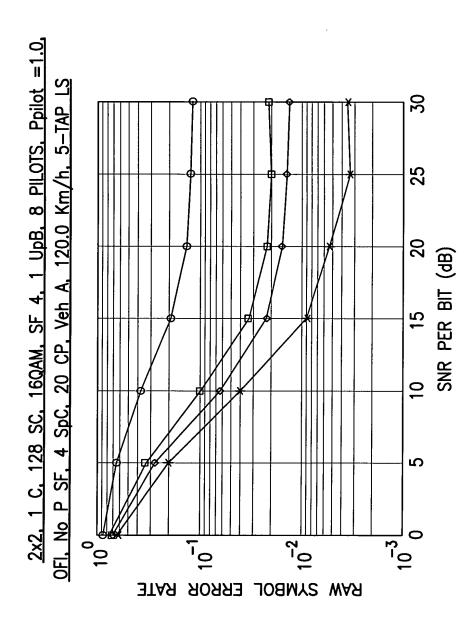


FIG.4B

16QAM, ZF, MF 16QAM, SIC-LMMSE, MI 16QAM, JOINT ML NEW CONSTELLATIONS

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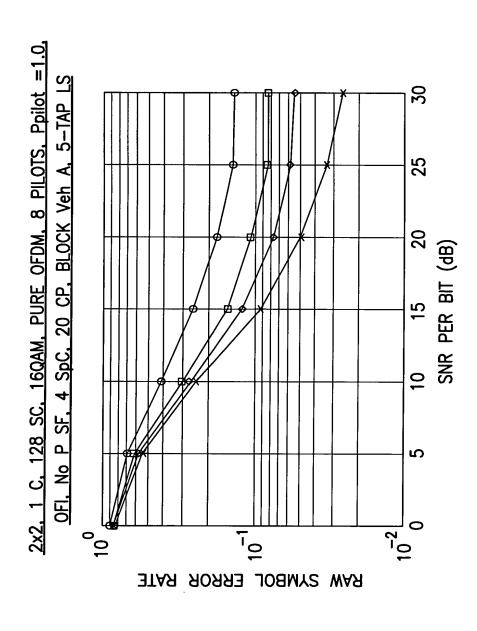


FIG.5A

16QAM, ZF, MF 16QAM, SIC-LMMSE, I 16QAM, JOINT ML

NEW CONSTELLATIONS

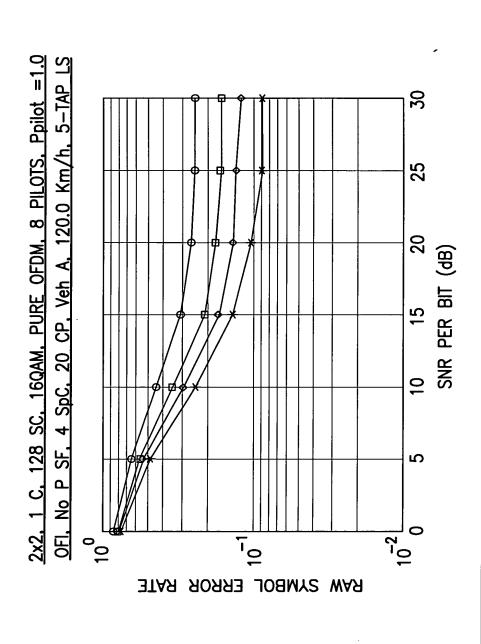


FIG.5B

16QAM, ZF, MF 16QAM, SIC-LMMSE, I 16QAM, JOINT ML

NEW CONSTELLATIONS